

Docket No.: 020008.0111PTUS  
(PATENT)

TRW

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:  
Ofer Sneh

Application No.: 10/561758

Confirmation No.: Not Yet Assigned

Filed: June 28, 2004

Art Unit: N/A

For: IMPROVED ALD APPARATUS AND  
METHOD

Examiner: Not Yet Assigned

INFORMATION DISCLOSURE STATEMENT (IDS)

MS Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

Pursuant to 37 CFR 1.56, 1.97 and 1.98, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached PTO/SB/08. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

This Information Disclosure Statement is filed before the mailing date of a first Office Action on the merits as far as is known to the undersigned (37 CFR 1.97(b)(3)).

Applicant has not submitted copies of each cited U.S. patent and U.S. patent application as required by 37 CFR 1.98(a)(2)(i), amended October 2004, as the U.S. Patent and Trademark Office has waived this requirement for all U.S. patent applications. Applicant submits herewith copies of foreign patents in accordance with 37 CFR 1.98(a)(2).

In accordance with 37 CFR 1.97(g), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made or that no other material information as defined in 37 CFR 1.56(a) exists. In accordance with 37 CFR 1.97(h), the filing of this Information Disclosure Statement shall not be construed to be an admission that any patent, publication or other information referred to therein is "prior art" for this invention unless specifically designated as such.

It is submitted that the Information Disclosure Statement is in compliance with 37 CFR 1.98 and the Examiner is respectfully requested to consider the listed references.

The Director is hereby authorized to charge any deficiency in the fees filed, asserted to be filed, or which should have been filed herewith (or with any paper hereafter filed in this application by this firm) to our Deposit Account No. 50-1848, under Order No. 020008.0111PTUS.

Respectfully submitted,  
**PATTON BOGGS LLP**

Dated: March 28, 2006

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PTO/SB/92 (09-04)

Approved for use through 07/31/2006. OMB 0651-0031

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Application No. (if known): 10/561758

Attorney Docket No.: 020008.0111PTUS

## Certificate of Mailing under 37 CFR 1.8

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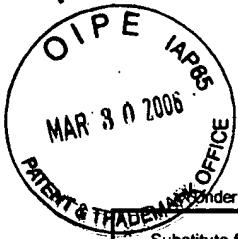
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1. Information Disclosure Statement (2 pages)
2. IDS (Citation) by Applicant (24 References) (1 page)
3. Copies of Foreign Patent References (2 patents)



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Substitute for form 1449A/B/PTO				<b>Complete If Known</b>	
				Application Number	10/561758
				Filing Date	June 28, 2004
				First Named Inventor	Ofer Sneh
				Art Unit	N/A
				Examiner Name	Not Yet Assigned
Sheet	1	of	1	Attorney Docket Number	020008.0111PTUS

<b>U.S. PATENT DOCUMENTS</b>					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
AA*	US-4,058,430	11/1977	Suntola et al.		
AB*	US-4,389,973	06-28-1983	Suntola et al.		
AC*	US-4,413,022	11-01-1983	Suntola et al.		
AD*	US-4,993,357	02-19-1991	Scholz		
AE*	US-5,114,683	05-19-1992	Hirase		
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AM*	US-5,855,680	01-05-1999	Soininen et al.		
AN*	US-5,928,426	07-27-1999	Aitchison		
AO*	US-6,015,590	01-18-2000	Suntola et al.		
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AQ*	US-6,305,314	10-23-2001	Sneh et al.		
AR*	US-6,347,919	02-19-2002	Ryan et al.		
AS*	US-6,361,607-A1	03-26-2002	Dozoretz et al.		
AT*	US-6,447,607-A1	09-10-2002	Soininen et al.		
AU*	US-6,911,092-A1	06-28-2005	Sneh		
AV*	US-20020076508-A1	06-20-2002	Chiang et al.		

<b>FOREIGN PATENT DOCUMENTS</b>					
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)			
BA	JP-63186872		08-02-1988	Mitsubishi Electric Corp.	
BB	WO-03/062490-A2		07-31-2003	Sundew Technologies, Inc.	✓

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. \* CITE NO.: Those application(s) which are marked with an single asterisk (\*) next to the Cite No. are not supplied (under 37 CFR 1.98(a)(2)(iii)) because that application was filed after June 30, 2003 or is available in the IFW. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

<b>NON PATENT LITERATURE DOCUMENTS</b>					
Examiner Initials	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.			T <sup>2</sup>

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<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>Applicant is to place a check mark here if English language Translation is attached.

Examiner Signature	Date Considered
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